

IN THE CLAIMS

Please amend the Claims as follows:

1. (twice amended): An exercise apparatus which enables simulating a variety of sports activities for the purpose of training, the apparatus comprising:

a front rigid support structure;

a rear rigid support structure lower than the front support structure;

5 a monorail having a first end attached to the front support structure and a second end attached to the rear support structure so that the monorail is supported at an inclined angle to the horizontal;

a roller carriage mounted on the monorail so that the roller carriage is adapted for rolling along the monorail between the rigid support structures;

10 a body support means removably attached to the roller carriage and adapted for receiving a body of a user mounted thereon;

a flexible pull means attached to the front support structure, so that a user mounted on the body support means is adapted for using the pull means to simulate sports movements and move the roller carriage from the rear support structure up the inclined monorail

15 toward the front support structure;

an elongated rigid bar mounted on the front support structure, the bar having a guide means on each side of the front support structure for maintaining the pull means in a fixed position wrapped around the bar;

20 a tension means removably attachable between the roller carriage and one of the support structures for altering the ability to move the roller carriage along the inclined monorail;

wherein the body support means comprises an elongated padded bench contoured to cradle the body of the user lying on the bench and sufficiently wide to accommodate a wide range of body sizes while tapering in the front to provide greater freedom of

25 movement of the arms and maximum stability for use in simulated swimming
movements;

a pulley means attachable to the bar on each side of the front support structure and a
cable means inserted through both of the pulley means and through a third pulley
attached to the roller carriage, the cable means having a first end a second end free to
30 grasp by a user, the ends each having a means to receive at least one gripping means
attached thereto, the cable means adapted for being used while the user is mounted on the
roller carriage or with the user positioned adjacent to the apparatus for various types of
exercises.

2. (original): The apparatus of claim 1 wherein the rear support structure is of a
minimum height required to maintain a user mounted on the body support means in a
reclined position so that the user's feet do not touch a horizontal surface supporting the
4 apparatus.

3. (original): The apparatus of claim 2 wherein the rear support structure is 14" high.

4. (original): The apparatus of claim 1 wherein the tension means comprises one of a
number of interchangeable rubber stretch cords of different tension strengths to vary the
3 degree of tension by interchanging the cords.

5. (previously amended): The apparatus of claim 1 wherein the tension means is
attached between the roller carriage and the rear support structure and the tension means
is adapted for resisting the movement of the roller carriage up the inclined monorail.

6. (previously amended): The apparatus of claim 1 wherein the tension means is attached between the roller carriage and the front support structure and the tension means is adapted for assisting the movement of the roller carriage up the inclined monorail.

4 7. (currently amended): The apparatus of claim 1 further comprising an elongated rigid bar mounted on the front support structure, the bar having a guide means on each side of the front support structure for maintaining the pull means in a fixed position wrapped around the bar.

8. (previously amended): The apparatus of claim 7 further comprising a pulley means attachable to the bar on each side of the front support structure and a cable means inserted through both of the pulley means and through a third pulley attached to the roller carriage, the cable means having a first end a second end free to grasp by a user, the ends each having a means to receive at least one gripping means attached thereto, the cable means adapted for being used while the user is mounted on the roller carriage or with the user positioned adjacent to the apparatus for various types of exercises.

5 9. (currently amended): The apparatus of claim 8 further comprising a tension loop means attachable between the third pulley and the roller carriage, the tension means forming a dynamic dampening loop.

10. (twice amended): The apparatus of claim 8 further comprising a wall-mountable bracket means adapted for receiving and supporting the apparatus mounted vertically on a wall so that the pulley cable system may be used to raise the roller carriage and further comprising a weight bracket and weight bar and a changeable weight means attached to the roller carriage, thereby creating a vertical pulley exercise device.

11. (currently amended): The apparatus of claim ~~8~~ 1 wherein the front support structure further comprises a base bar extending laterally to each side of the front support structure, the base bar having a pulley attaching means attachable thereto adjacent to each end for each receiving the pulley means attachable thereto so that exercises can be done pulling at a different angle allowing various other kinds of exercises using different muscle groups.

12. (currently amended): The apparatus of claim ~~7~~ 1 wherein the bar further comprises a gripping means at each end, each of the gripping means round in cross section for facilitating gripping by a hand of a user to allow the user to perform exercises while gripping the gripping means.

13. (twice amended): The apparatus of claim ~~4~~ 27 wherein the end of the flexible pull means is adapted for receiving interchangeably a gripping means selected from the group of gripping means consisting of:

an elongated handle round in cross section attached perpendicularly to the cable

means;

a hand paddle for receiving a hand of the user flat against the hand paddle;

an ankle strap securable around an ankle of a user;

a webbing loop;

a canoe paddle shaft;

a kayak paddle shaft;

a barbell accessory.

14. (original): The apparatus of claim 1 further comprising an adjustable bar support attachable to the front support structure and a right bar and a left bar adjustably attachable to the adjustable bar support in any of a variety of different settings or angles relative to

the monorail, the right and left bars each having the flexible pull means attached thereto
5 to allow the user to vary exercise patterns, simulating different strokes and exercising
different muscle groups.

15. (original): The apparatus of claim 1 further comprising a pivotable means in both
the front and rear support structures to enable the apparatus to fold up into a flat
3 configuration for ease of transporting and storing.

16. (previously amended): The apparatus of claim 15 further comprising a wheel
rotatably attached to one of the support structures, the wheel adapted for contacting the
ground with the machine in the flat configuration to allow rolling the machine for ease of
4 movement.

17. (previously amended): The apparatus of claim 1 further comprising a weight
bracket and weight bar attach to an underside of the roller carriage, the weight bar
3 adapted for removably receiving a weight means to increase resistance.

18. (cancelled).

19. (previously amended): The apparatus of claim 1 further comprising a front head
support and a rear foot support adapted for being removably attached to the padded bench
and extending toward the front and rear of the apparatus, respectively, in the plane of the
4 padded bench for performing various types of exercises.

20. (original): The apparatus of claim 1 further comprising a foot platform attachable
to the rear support structure and extending upwardly perpendicularly to the monorail, so

the user may push off the platform with the feet while the user is mounted on the body
4 support means.

21. (previously amended): The apparatus of claim 27 wherein the body support means
comprises a seat carriage having a seat, a front thigh pad, and foot pegs for simulated
3 skiing movements.

22. (original): The apparatus of claim 1 further comprising a telescoping tube on the
front support structure to allow adjustability of the height of the front support structure
and therefore adjustability of the angle of the inclined monorail attached between the
support structures, the telescoping tube bearing a series of numbers to indicate each
5 height setting for accurate adjustment of the incline.

23. (original): The apparatus of claim 22 further comprising a quick release screw
mechanism on the front support structure for engaging the telescoping tube and a safety
locking pin formed of rigid metal having a straight insertion portion insertable through an
opening in the front support structure and through a mating opening in the telescoping
5 tube, and the safety locking pin having an L-shaped arm extending from the straight
insertion portion, which L-shaped arm drops down onto the quick release screw
mechanism and is secured by the tightening of the quick release mechanism.

24. (original): The apparatus of claim 1 further comprising a rock climber attachment
mountable on the front support structure to serve as a platform that accepts a variety of
standard rock climbing wall grips and hand holds to use the apparatus to simulate rock
4 climbing movements.

25. (previously amended): The apparatus of claim 1 wherein the monorail is provided with interior channels to receive rollers from the roller carriage therein so that the roller carriage is adapted for rolling along the length of the monorail with the rollers in the
4 channels.

26. (original): The apparatus of claim 1 wherein all of the components of the apparatus have a rust-proof exterior surface to allow the apparatus to be placed in a high
3 moisture environment.

27. (previously added): An exercise apparatus which enables simulating a variety of sports activities for the purpose of training, the apparatus comprising:

a front rigid support structure;

a rear rigid support structure lower than the front support structure;

5 a monorail having a first end attached to the front support structure and a second end attached to the rear support structure so that the monorail is supported at an inclined angle to the horizontal;

a roller carriage mounted on the monorail so that the roller carriage is adapted for rolling along the monorail between the rigid support structures;

10 a body support means removably attached to the roller carriage and adapted for receiving a body of a user mounted thereon;

a flexible pull means attached to the front support structure, so that a user mounted on the body support means is adapted for using the pull means to simulate sports movements and move the roller carriage from the rear support structure up the inclined monorail
15 toward the front support structure;

a tension means removably attachable between the roller carriage and one of the support structures for altering the ability to move the roller carriage along the inclined monorail;

an elongated rigid bar mounted on the front support structure, the bar having a guide
20 means on each side of the front support structure for maintaining the pull means in a
fixed position wrapped around the bar;

a pulley means attachable to the bar on each side of the front support structure and a
cable means inserted through both of the pulley means and through a third pulley
attached to the roller carriage, the cable means having a first end a second end free to
25 grasp by a user, the ends each having a means to receive at least one gripping means
attached thereto, the cable means adapted for being used while the user is mounted on the
roller carriage or with the user positioned adjacent to the apparatus for various types of
exercises.

28. (previously added): An exercise apparatus which enables simulating a variety of
sports activities for the purpose of training, the apparatus comprising:

a front rigid support structure;

a rear rigid support structure lower than the front support structure;

5 a monorail having a first end attached to the front support structure and a second end
attached to the rear support structure so that the monorail is supported at an inclined
angle to the horizontal;

a roller carriage mounted on the monorail so that the roller carriage is adapted for
rolling along the monorail between the rigid support structures;

10 a body support means removably attached to the roller carriage and adapted for
receiving a body of a user mounted thereon;

a flexible pull means attached to the front support structure, so that a user mounted on
the body support means is adapted for using the pull means to simulate sports movements
and move the roller carriage from the rear support structure up the inclined monorail

15 toward the front support structure;

a tension means removably attachable between the roller carriage and one of the support structures for altering the ability to move the roller carriage along the inclined monorail;

an adjustable bar support attachable to the front support structure and a right bar and a
 20 left bar adjustably attachable to the adjustable bar support in any of a variety of different settings or angles relative to the monorail, the right and left bars each having the flexible pull means attached thereto to allow the user to vary exercise patterns, simulating different strokes and exercising different muscle groups.

29. (previously added): An exercise apparatus which enables simulating a variety of sports activities for the purpose of training, the apparatus comprising:

a front rigid support structure;

a rear rigid support structure lower than the front support structure;

5 a monorail having a first end attached to the front support structure and a second end attached to the rear support structure so that the monorail is supported at an inclined angle to the horizontal;

a roller carriage mounted on the monorail so that the roller carriage is adapted for rolling along the monorail between the rigid support structures;

10 a body support means removably attached to the roller carriage and adapted for receiving a body of a user mounted thereon;

a flexible pull means attached to the front support structure, so that a user mounted on the body support means is adapted for using the pull means to simulate sports movements and move the roller carriage from the rear support structure up the inclined monorail
 15 toward the front support structure;

a tension means removably attachable between the roller carriage and one of the support structures for altering the ability to move the roller carriage along the inclined monorail;

a rock climber attachment mountable on the front support structure to serve as a
20 platform that accepts a variety of standard rock climbing wall grips and hand holds to use
the apparatus to simulate rock climbing movements.